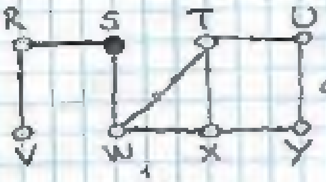
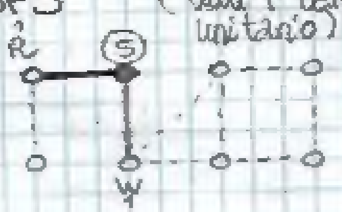
ESEMPIO ALGORITMO BFS (tutti i cammini a costo unitario)



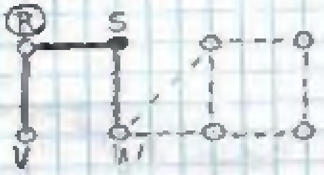
$\langle S,S\rangle = 0$

①



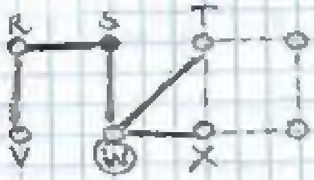
$\langle S,R\rangle = 1$
$\langle S,W\rangle = 1$

②



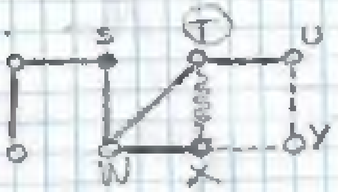
$\langle S,V\rangle = 2$

③



$\langle S,T\rangle = 2$
$\langle S,X\rangle = \langle S,W,X\rangle = 2$

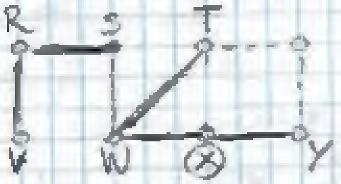
④



$\langle S,T\rangle = 2$
$\langle S,X\rangle = \langle S,W,T,X\rangle = 3.$

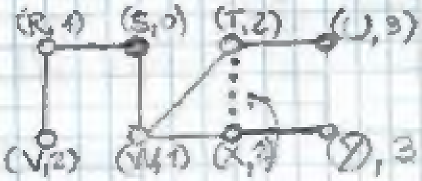
lo scarto perché $\langle S,W,X\rangle$ è un percorso a costo minore

⑤



$\langle S,Y\rangle = 3$

⑥



$\langle S,U\rangle = 3$

ramo che si perde in quanto $\langle S,W,X\rangle < \langle S,T,X\rangle$